



# POWER KABEL INC.

## TYPE G-GC 2000V 3 CONDUCTOR PORTABLE POWER CABLE 90°C

### APPLICATIONS & FEATURES

Use on AC off track equipment such as miners, shuttle cars, cutting machines, drills, conveyors and pumps. Power to open pit strip and deep mines. Other industrial applications. Excellent flexibility. Water resistant and flame resistant. Rated and flexible at -40°C to +90°C. Excellent impact and abrasion resistant. Ozone, sunlight, oil, grease weather and chemical resistant.

### INDUSTRY COMPLIANCES

ASTM B-33, UL 44, UL 1650, CSA C22.2 No.96-17, Passes MSHA flame test. NEC Type G-GC, Passes CSA FT5 flame test.

### CONSTRUCTION

<b>CONDUCTORS:</b>	Soft drawn flexible stranded tinned copper wires
<b>SEPERATOR:</b>	Tape separator between conductor and insulation
<b>INSULATION:</b>	Ethylene-propylene rubber (EPR)
<b>GROUND:</b>	Annealed flexible stranded tin copper. Green EPR insulation over conductors
<b>GROUND CHECK:</b>	Soft drawn flexible stranded tinned copper. Yellow EPR insulation over conductor
<b>ASSEMBLY:</b>	Power, ground check and grounds cores cabled together to form a round core
<b>REINFORCEMENT:</b>	Single faced rubber filled binder tape over core
<b>JACKET:</b>	Black heavy duty, integral-filled CPE thermosetting compound

AWG/No of CONDUCTORS	STRANDS	GROUND (AWG)	GROUND CHECK (AWG)	INSULATION THICKNESS (INCHES)	OUTSIDE DIAMETER (INCHES)	NET WEIGHT (LBS/1000 FT)
12/3	65	12	12	0.06	0.79	384
10/3	49	10	12	0.06	0.8	444
8/3	133	10	10	0.06	0.99	666
6/3	133	10	10	0.06	1.05	787
4/3	259	8	10	0.06	1.14	1048
2/3	259	7	8	0.06	1.3	1448
1/3	259	6	8	0.08	1.46	1807
1/0-3	266	5	8	0.08	1.6	2206
2/0-3	342	4	8	0.08	1.75	2736
3/0-3	418	3	8	0.08	1.86	3178
4/0-3	532	2	8	0.08	1.96	3718
250/3	627	1	6	0.095	2.39	4917
350/3	888	1/0	6	0.095	2.68	6449
500/3	1221	3/0	6	0.095	3.03	8642

All values are nominal and subject to correction.